

A method for communicating between a controller and a device with double-buffered inputs comprises the steps of providing one or more communication paths for exchanging data between the controller and the device, providing a data transfer control signal from the controller to the device for transferring input data from one or more input registers into one or more latchable data registers, and providing a data transfer delay signal from the device to the controller, wherein, in a first logic state, the data transfer delay signal prevents transfer of input data from the input registers into the latchable data registers until after a transition to a second logic state occurs on the data transfer delay signal. An apparatus for communicating between a controller and a device is also described.